

## Brackets: Factorising

Examples:

1.  $x^2 - 5x - 14$

2.  $2x^2 + 5x - 12$

3.  $4x^2 - 9$

4.  $x^3 - x$

$$5. x^3 + 3x^2 + 2x$$

Test your understanding: Factorise completely

$$1. 6x^2 + x - 2$$

$$2. x^3 - 7x^2 + 12x$$

$$3. x^4 - 1$$

$$4. x^3 - 1$$